are we the same?

Sense of the using brackets-314

Let's do these sums and see if they are the same or not.

1.) a: 12 + 7 - 5 = _____

b: (12 + 7) – 5 = _____

Same / Different

2.) a: 15 + 8 + 4 = _____

b: (15 + 8) + 4 = _____

Same / Different

3.) a: 17 - 8 + 6 = _____

b: (17 – 8) + 6 = _____

Same / Different

4.) a: 13 - 9 – 4 = _____

b: (13 - 9) – 4 = _____

Same / Different

Discovery:

_____

_____

_____

Are we the same?

Sense of the using brackets-314

Let check 4 other cases. See what you get?

1.) a: 5 + 4 + 6 = _____

b: 5 + (4 + 6) = _____

Same / Different

2.) a: 7 + 14 - 6 = _____

b: 7 + (14 – 6) = _____

Same / Different

3.) a: 11 – 3 + 5 = _____

b: 11 – (3 + 5) = _____

Same / Different

4.) a: 15 – 6 - 4 = _____

b: 15 – (6 - 4) = _____

Same / Different

Discovery:

_____

_____

_____

If the brackets can be omitted, we should forget about them. It would speed up our calculation.

are we the same?

Sense of the using brackets-314

Ignore the brackets if possible. Pick an easier pair of numbers to calculate first.

Exercise:

1.) (8 + 5) + 15 = _____

2.) (12 + 9) + 11 = _____

3.) (18 + 32) - 8 = _____

4.) (15 - 9) + 25 = _____

5.) (22 + 5) - 12 = _____

6.) (37 - 13) - 17 = _____

7.) (42 + 45) - 32= _____

8.) (32 - 49) + 25 = _____

9.) 16 + (4 + 5) = _____

10.) 18 + (12 - 5) = _____

11.) 7 + (9 - 7) = _____

12.) 13 + (3 - 8) = _____

13.) 16 - (6 + 5) = _____

14.) 21 - (12 - 7) = _____

15.) 64 - (34 + 5) = _____

16.) 55 + (18 + 25) = _____

17.) (26 + 7) + 14 = _____

18.) 37 + (23 - 7) = _____

19.) 12 - (8 + 2) = _____

20.) (52 - 27) + 37 = _____

21.) (44 - 17) - 14 = _____

22.) 25 + (19 - 5) = _____

23.) (31 - 8) + 19 = _____

24.) 61 + (14 - 11) = _____

25.) 36 + (1 - 11) = _____

/ 25

are we the same? - HW

Sense of the using brackets-314

Ignore the brackets if possible. Pick an easier pair of numbers to calculate first.

1.) (7 + 9) + 21 = _____

2.) 24 - (18 - 9) = _____

3.) (37 + 28) - 8 = _____

4.) 48 + (21 - 25) = _____

5.) (34 + 8) - 24 = _____

6.) 98 - (38 + 17) = _____

7.) (83 + 18) – 23 = _____

8.) 81 + (32 - 81) = _____

9.) (35 - 8) - 5 = _____

10.) 43 + (17 - 34) = _____

11.) (53 - 24) + 17 = _____

12.) 45 + (77 - 35) = _____

13.) 72 - (72 - 18) = _____

14.) (12 + 23) + 17 = _____

15.) 94 - (34 + 17) = _____

16.) 26 + (38 + 24) = _____

17.) (37 + 18) + 23 = _____

18.) 59 + (43 - 29) = _____

19.) (55 - 23) - 25 = _____

20.) (64 - 38) + 58 = _____

21.) 25 + (5 + 18) = _____

22.) (27 - 8) + 33 = _____

23.) (75 - 28) + 18 = _____

24.) 55 + (74 - 25) = _____

25.) 18 + (23 - 31) = _____

/ 25